

"Theoretical Approach"

Explain in your own word

Make use of which database(s)

How to create concepts

Make use of a "cut-off" date to restrict the Opposition/validity search; know which date must be used

How to combine/search concepts in an Opposition/validity search (in Europe, know IP law/theory);

When/where use this "cut-off" date in your search (in Query and/or Document selection)

"Practical Approach"

Possible approaches using different types of databases (Strategies have been cleaned-up).

1. Value add "Chemistry" abstract database(s) (Patent-/Sci-/Other- lit.)

- Query 1,2,3
- Query 4 (Out of scope, Structure search)

2. Full-text (patent) database(s) and other databases

- Query 5
- Query 6

1. Value add "Chemistry" abstract database(s) (Patent-/Sci- lit.)

Strong focus on product (concept I)

Query 1:

FILE 'REGISTRY'

L1 123-94-4/RN [1-stearoyl glycerol]

SEL CHEM L1 1- (Ea-Eb)

L2 621-61-4/RN [2-stearoyl glycerol]

SEL CHEM L2 1- (Ec-Ed)

L3 504-40-5/RN [1,3 distearoyl glycerol]

SEL CHEM L3 1- (Ee-Ef)

L4 1323-83-7/RN [distearoyl glycerol]

SEL CHEM L4 1- (Eg-Eh)

L5 51063-97-9/RN [1,2 distearoyl glycerol]

SEL CHEM L5 1- (Ei-Ej)

L6 75-21-8/RN (EO)

SEL CHEM L6 1- (Em-En)

L7 75-56-9/RN (PO)

SEL CHEM L7 1- (Eo-Ep)

FILE '(H)CAPLUS' [Patent-, Sci- and Other- literature]

L8 (L1 OR L2 OR L3 OR L4 OR L5) OR Ea-Ej

L9 (?GLYCER#LSTEAR? OR ?GLYCER#LDISTEAR? OR ?GLYCER#LTRISTEAR? OR ?GLYCERINSTEAR? OR ?GLYCERINDISTEAR? OR ?GLYCERINTRISTEAR? OR ((?GLYCER#L? OR ?GLYCERIN?) A (STEAR? OR DISTEAR? OR TRISTEAR? OR ((DI OR TRI) (W) STEAR+))))[retrieved from E numbers, Patent publ. and chem. knowledge]

L10 (L6 OR L7) OR Em-Ep

L11 ((EO OR PO OR ?ETHOX? OR ?PROPOX? OR ?ALKOX? OR ?ETHYLENEOX? OR ?PROPYLENEOX? OR ?ALKYLENEOX? OR ?ETHYLENOX? OR ?PROPYLENOX? OR ?ALKYLENOX? OR ?OXYETHYLEN? OR ?OXYPROPYLEN? OR ?OXYALKYLEN? OR ((?ETHYLEN? OR ?PROPYLEN? OR ?ALKYLEN?) (A) (OXID? OR OXY?)) OR ?ETHER?) [retrieved from Reg. E numbers, Patent publ. and chem. knowledge]

L12 (L8 OR L9) AND L10 OR L11)

Combine with other concepts (see below)

Query 2:

FILE 'REGISTRY'

L1 75-21-8/CRN [EO]
L2 75-56-9/CRN [PO]
L3 56-81-5/CRN [glycerol]
L4 57-11-4/CRN [stearic acid]
L5 123-94-4/CRN [1-stearoyl glycerol]
L6 621-61-4/CRN [2-stearoyl glycerol]
L7 504-40-5/CRN [1,3 distearoyl glycerol]
L8 1323-83-7/CRN [distearoyl glycerol]
L9 51063-97-9/CRN [1,2 distearoyl glycerol]
FILE '(H)CAPLUS' [Patent-, Sci- and Other- literature]

L10 (L1 OR L2) AND L3 AND L4

L11 (L1 OR L2) AND (L5 OR L6 OR L7 OR L8 OR L9)

L12 L10 OR L11

Combine with other concepts (see below)

Query 3:

FILE 'REGISTRY'

L1 GLYCEROL/CN

SEL CHEM L11 1- (Ex-y)

L2 STEARIC ACID/CN

SEL CHEM L12 1- (Ea-b)

FILE '(H)CAPLUS' [Patent-, Sci- and Other- literature]

L3 Ex-y OR ?GLYCER#L? OR ?GLYCERIN?

L4 Ea-b OR ?STEARAT? OR ?STEARIC? OR ?STEARYL?

L5 (EO OR PO OR ?ETHOX? OR ?PROPOX? OR ?ALKOX? OR ?ETHYLENEOX? OR
?PROPYLENEOX? OR ?ALKYLENEOX? OR ?ETHYLENOX? OR ?PROPYLENOX? OR
?ALKYLENOX? OR OR ?OXYPROPYLEN? OR ?OXYETHYLEN? OR ?OXYALKYLEN? OR
(?ETHYLEN? OR ?PROPYLEN? OR ?ALKYLEN?) (W) (OXID? OR OXY?) OR ?ETHER?)

L6 (L3 (5A) L5) (5A) L4

L7 (L3 (3A) L5) (3A) (ESTER OR FATTY)

[retrieved from Reg. E numbers, Patent publ. and
chem. knowledge]

Combine with other concepts (see below)

Other possible concepts (concept II, III, IV)

(which can be extended)

L100 ((ANTI OR NON OR NO OR DE) (2A) (FOG? OR ?FOGGING OR ?CONDENS? OR ?MIST? OR ?MOIST? OR ?HAZE? OR ?HAZI?)) OR ANTIFOG? OT NONFOG? OR NOFOG? OR DEFOG? OR ANTICONDENS? OR NONCONDENS? OR NOCONDENS? OR DECONDENS? OR ANTIMIST? OR NONMIST? OR NOMIST? OR DEMIST? OR ANTIMOIST? OR NONMOIST? OR NOMOIST? OR DEMOIST? OR ANTIHAZ? OT NONHAZ? OR NOHAZ? OR DEHAZ?
[retrieved from Dictionaries, Patent publ. and chem. knowledge]

L101 PVA OR ?VINYLACET? OR ?VINYLALC? OR (?VINYL (W) (ACET? OR ALC?)) OR LDPE OR PE OR ?POLYETHYLEN? OR POLYOLEFIN? OR (POLY (W) (ETHYLEN? OR OLEFIN?))
[retrieved from Dictionaries, Patent publ. and chem. knowledge]

L102 (C08L0023-04 OR C08L0023-08 OR C08L0023-00)/IPC
[Patent publ. and ipcpub.wipo.int]

L103 AGRI? OR AGRO? OR A01G/IPC

L104 PD<20XXYYZZ

QUERY 1, 2, 3

- CAN BE LIMITED IN TIME,
- CAN BE LIMITED USING OTHER CONCEPTS

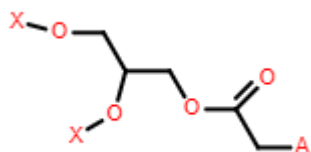
- X. The result sets of at least two of L12 (Query 1), L12 (Query 2) and L7 (Query 3)
L12 (Query 1) OR L12 (Query 2) or
L12 (Query 1) OR L7 (Query 3) or
L12 (Query 2) OR L7 (Query 3)
- a. Combine X with L100 AND (L101 OR L102) AND L103
 - b. Combine X with L100 AND ((L101 OR L102) OR L103)
 - c. Combine X with (L101 OR L102) AND (L100 OR L103)
 - d. Combine X with L100
 - e. Combine X with (L101 or L102)
 - f. Combine X with L103
 - g. No limitation using other concepts
 - h. L100 AND (L101 OR L102) AND L103
 - i. The result sets a. to h. can be limited using "cut-off" date (L104)*

*if not used it has to be performed during the analysis/reporting of the results

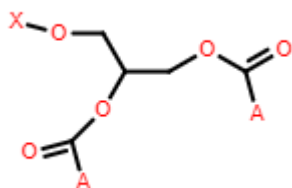
Query 4 (Out of scope for the exam, but would yield bonus points when used in addition to a concept search)

FILE 'CAPLUS, MARPAT, REGISTRY' (FILE CASLINK)

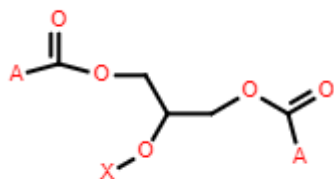
STRUCT 1 (L1)



STRUCT 2 (L2)



STRUCT 3 (L3)



X= $-(\text{---C---C---O---})_n\text{---H}$

A=Ak

L4 (L1 OR L2 OR L3) SSS FULL

Search MARPAT & CA (ALL DOC. TYPES)

QUERY 4

- CAN BE LIMITED IN TIME,
- CAN BE LIMITED USING OTHER CONCEPTS

2. Full-text (patent) database(s)

Query 5:

FILE FAMPAT (ORBIT)

1. (+GLYCEROL+ OR +GLYCERIN+ OR +PROPAN_TRIOL+ OR TRI_HYDROXY_PROPAN+)/TI/AB/CLMS/TX
2. (((+ETHYLEN+ OR +PROPYLEN+ OR +ALKYLEN+) (W) (OXID+ OR OXY+)) (5D) (+STEARAT+ OR +STEARIC+ OR +STEARYL+ OR +OCTA_DECAN+))/TI/AB/CLMS/TX
3. ((EO OR PO OR +ETHOX+ OR +PROPOX+ OR +ALKOX+ OR +ETHYLENEOX+ OR +PROPYLENEOX+ OR +ALKYLENEOX+ OR +ETHYLENOX+ OR +PROPYLENOX+ OR +ALKYLENOX+) 5D (+STEARAT+ OR +STEARIC+ OR +STEARYL+ OR +OCTA_DECAN+))/TI/AB/CLMS/TX
4. (((+OXY_ETHYLEN+ OR +OXY_PROPYLEN+ OR +OXY_ALKYLEN+) 5D (+STEARAT+ OR +STEARIC+ OR +STEARYL+ OR +OCTA_DECAN+))/TI/AB/CLMS/TX
5. ((GLYCEROL_STEAR+ OR GLYCEROL_DI_STEAR+ OR GLYCEROL_TRI_STEAR+)/TI/AB/IW/CLMS AND (+ALKOX+ OR +ETHOXY+ OR +PROPOXY+ OR +ALKYLEN_OX+ OR +ETHYLEN_OX+ OR +PROPYLEN_OX+ OR +OXY_ETHYLEN+ OR +OXY_PROPYLEN+ OR +OXY_ALKYLEN+)/TI/AB/IW/CLMS/TX
6. (1 AND (2 OR 3 OR 4)) OR 5
7. 2 OR 3 OR 4
8. 6 OR 7

Combine with other concepts (see below)

Other possible concepts (concept II, IV)

(which can be extended)

10. (((ANTI_FOG+ OR NON_FOG+ OR NO+_FOG+ OR DE_FOG+ OR ANTI_MIST+ OR NON_MIST+ OR NO_MIST+ OR DE_MIST+ OR ANTI_CLOUD+ OR NON_CLOUD+ OR NO_CLOUD+ OR DE_CLOUD+ ANTI_CONDENS+ OR NON_CONDENS+ OR NO_CONDENS+ OR DE_CONDENS+) OR ((ANTI OR NON OR "NO" OR "DE") 2W (+MIST+ OR +FOG+ OR +CLOUD+ OR +CONDENS+))))/TI/AB/IW/CLMS

20. AGRI+ OR AGRO+ OR A01G/IPC/CPC

30. PD < 20XX-YY-ZZ

QUERY 5

- CAN BE LIMITED IN TIME,
- CAN BE LIMITED USING OTHER CONCEPTS

X. Results from 8 (Query 5)

- a. Combine X with 10
- b. Combine X with 20
- c. Combine with other concepts (see Queries 1-3)
- d. No limitation using other concepts
- e. The result sets a. to d. can be limited using "cut-off" date (30)*

*if not used it has to be performed during the analysis/reporting of the results

QUERY 6 (Would yield bonus points when used in addition to a concept search)

- ADDITIONAL OTHER SOURCES CAN BE SEARCHED I.E. SCOPUS, SCIENCEDIRECT, .. (take into account the cut-off date)